Attorney Docket No. 037145-0501 (NC42202)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

pplicant:

Pasanen, et al.

Title:

Wireless Multi-hop System with

Macroscopic Multiplexing

Appl. No.:

10/749,662

Filing Date:

12/31/2003

Examiner:

Unknown

Art Unit:

2681

CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below. Susan T. Golab (Printed Name) August 31, 2005 (Date of Deposit)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT **UNDER 37 CFR §1.56**

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents cited in the International Search Report (copy attached) from the corresponding PCT International Application No. PCT/IB2004/004302.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a prima facie art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR

§1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1450. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1450.

By

Respectfully submitted,

Date 206057 31 2005

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MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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	STATEMENT BY	APPLI	CANT	Filing Date	12/31/2003		
	Date Submitted: A	uguet 20	2005	First Named Inventor	Pasanen et al.		
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Sheet	1	of	2	Attorney Docket Number	037145-0501 (NC42202)		

	U.S. PATENT DOCUMENTS									
Examiner	Cite No. ¹	U.S. Patent D		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant				
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	INFORMAT	ON DISCLO	SURE	Application Number	10/749,662	
	STATEMEN	T BY APPLI	CANT	Filing Date	12/31/2003	
	Date Submitt	od: August 3	0.2005	First Named Inventor	Pasanen et al.	
	Date Submitt	ed: August 3	0, 2005	Group Art Unit	2681	
	(use as many	sheets as ne	cessary)	Examiner Name	Unknown	
Sheet	2	of	2	Attorney Docket Number	037145-0501 (NC42202)	

	NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т					
	•	Multi-hop Radio Access Cellular Concept for Fourth-Generation Mobile Communication System, YAMAO et al., Kyoto University, PIMRC 2002, 5 pgs.						
	ı	Aspects for the integration of ad-hoc and cellular networks, 3 rd Scandinavian Workshop on Wireless Adhoc Networks, Stockholm, May 6-7 th 2003, CRISTACHE et al., Germany,						
	,	Exploiting Macrodiversity in Dense Multihop Networks and Relay Channels, VALENTI et al., 2003, IEEE, United States, pp. 1877-1882.						
	,	A Theoretical Characterization of the Multihop Wireless Communications Channel with Diversity, BOYER et al., 2001 IEEE, Canada, pp. 841-845.						
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